William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

Insured: J&S Welding Property: 2579 N 9th Avenue

Humboldt, TN 38343

Claim Number: Type of Loss: <NONE>

Date of Loss:

Date Received:

Date Inspected: Date Entered: 6/25/2021 11:13 PM

Price List: TNJA8X_JUN21

Restoration/Service/Remodel

Estimate: 2579_N9THAVE

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

2579_N9THAVE

General Conditions

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
1. Taxes, insurance, permits & administration fees*	1.00 EA	6,088.92	0.00	1,217.78	7,306.70	(0.00)	7,306.70
1.5% of valuation of project							
230. Engineering Fees*	1.00 EA	13,564.74	0.00	2,712.94	16,277.68	(0.00)	16,277.68
Engineering - 3% of valuation of project							
3. R&R Sheathing - plywood - 1/2" CDX	256.00 SF	2.69	38.44	145.42	872.50	(0.00)	872.50
Plywood for placement under dumpster to p	orevent damage	to the driveway.					
5. Cleaning Technician - per hour	60.00 HR	30.79	0.00	369.48	2,216.88	(0.00)	2,216.88
Daily and final cleaning of the jobsite.							
6. Telehandler/forklift (per day) - no operator	14.00 DA	447.91	0.00	1,254.14	7,524.88	(0.00)	7,524.88
7. Equipment Operator - per hour	140.00 HR	49.08	0.00	1,374.24	8,245.44	(0.00)	8,245.44
8. Commercial Supervision / Project Management - per hour	200.00 HR	59.05	0.00	2,362.00	14,172.00	(0.00)	14,172.00
11. Install Temporary toilet (per month)	1.00 MC	115.00	0.00	23.00	138.00	(0.00)	138.00
Due to the Pandemic for the safety of the he	omeowner and v	workers an outdooi	r portable toile	et is mandatory	<i>v</i> .		
12. Clean toilet	20.00 EA	16.39	0.08	65.58	393.46	(0.00)	393.46
225. Delivery charge (Bid Item) Temporary Toilet*	2.00 EA	95.00	0.00	38.00	228.00	(0.00)	228.00
231. Job-site cargo/storage container - 20' long - per month	2.00 MC	87.83	17.13	38.56	231.35	(0.00)	231.35
Totals: General Conditions			55.65	9,601.14	57,606.89	0.00	57,606.89

OSHA

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
********Safety Requirements for Occu	pants and Em	ployees******	****				
13. Fall protection harness and lanyard - per day	120.00 DA	8.00	0.00	192.00	1,152.00	(0.00)	1,152.00
Fall protection for 6 workers for 20 days							
1926.501(b)(1) "Unprotected sides and edges." Each employence is 6 feet (1.8 m) or more above a low fall arrest systems.							
14. Caution tape	1,500.00 LF	0.08	1.46	24.30	145.76	(0.00)	145.76
15. Temporary fencing - 1-4 months (per month)	300.00 LF	2.10	0.00	126.00	756.00	(0.00)	756.00
16. Traffic cones (per unit, per day)	300.00 DA	0.83	0.00	49.80	298.80	(0.00)	298.80
131. Material Only Protection netting*	6,285.52 SF	1.75	1,072.47	2,414.44	14,486.57	(0.00)	14,486.57

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CONTINUED - OSHA

DESCRIPTION OUANTITY UNIT PRICE TAX O&P RCV DEPREC. ACV

Netting to keep building materials from falling into the building while the shop is open.

OSHA 1926.105(a)

Safety nets shall be provided when workplaces are more than 25 feet above the ground or water surface, or other surfaces where the use of ladders, scaffolds, catch platforms, temporary floors, or safety belts is impractical.

1926.105(b)

Where safety net protections is required by this part, operations shall not be undertaken until the net is in place and has been tested.

1926.105(c)

1926.105(c)(1)

Net shall extend 8 feet beyond the edge of the work surface where employees are exposed and shall be installed as close under the work surface as practical but in no case more than 25 feet below such work surface. Nets shall be hung with sufficient clearance to prevent user's contact with the surfaces or structures below. Such clearance shall be determined by impact load testing.

133. General Laborer - per hour 224.00 HR 33.48 0.00 1,499.90 8,999.42 (0.00)8,999.42 Labor to install and remove protection netting 18. Onsite Safety Supervisor* 200.00 HR 85.00 0.00 3,400.00 20,400.00 (0.00)20,400.00

Onsite Safety Inspector as Required by OSHA. 10 hours per day for the length of 4 week project.

1926.502(h)

Safety monitoring systems." Safety monitoring systems [See 1926.501(b)(10) and 1926.502(k)] and their use shall comply with the following provisions:

1926.502(h)(1)

The employer shall designate a competent person to monitor the safety of other employees and the employer shall ensure that the safety monitor complies with the following requirements:

1926.502(h)(1)(i)

The safety monitor shall be competent to recognize fall hazards;

1926.502(h)(1)(ii)

The safety monitor shall warn the employee when it appears that the employee is unaware of a fall hazard or is acting in an unsafe manner;

1926.502(h)(1)(iii)

The safety monitor shall be on the same walking/working surface and within visual sighting distance of the employee being monitored;

1926.502(h)(1)(iv)

The safety monitor shall be close enough to communicate orally with the employee; and

1926.502(h)(1)(v)

The safety monitor shall not have other responsibilities which could take the monitor's attention from the monitoring function.

19. Scissor lift - 26' platform height (per $20.00\,\mathrm{DA}$ 193.00 0.00 772.00 4,632.00 (0.00)4,632.00 day) 20. Respiration* 1.00 EA 45.00 0.00 9.00 54.00 (0.00)54.00

Devices (MUTCD) 1988 edition revision 3 or Part VI of the MUTCD Millennium edition

 $40.00\,\mathrm{HR}$

25. Protection of employees *

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CONTINUED - OSHA

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
1910.134(a) Permissible practice. 1910.134(a)(1) In the control of those occupational disvapors, the primary objective shall be to control measures (for example, enclosure when effective engineering controls are	o prevent atmosphere re or confinement of	ric contamination. To the operation, ger	This shall be ac neral and local	ecomplished as ventilation, an	far as feasible d substitution	e by accepted en of less toxic ma	gineering terials).
1910.134(a)(2) A respirator shall be provided to each e provide the respirators which are applic maintenance of a respiratory protection cover each employee required by this so	cable and suitable for program, which sh	or the purpose inten all include the requ	ded. The emplo	oyer shall be re	esponsible for	the establishme	nt and
21. Ear Plugs, Disposable*	1.00 EA	60.00	0.00	12.00	72.00	(0.00)	72.00
OSHA 1926.52, 1926.101 Ear protection devices must be provided in Table D-2, permissible noise exposu-		r it is not feasible to	o reduce noise	levels or wher	e a deviation to	o exposure leve	ls specified
22. Head Protection*	80.00 EA	16.00	0.00	256.00	1,536.00	(0.00)	1,536.00
OSHA 1926.100 Protective helmets (hard hats) must be electrical shocks and burns.	worn at all times wl	nere there is a possi	ble danger of h	nead injury from	m impact, falli	ng, or flying ob	jects, or
23. R&R 10 lb. ABC fire extinguisher	2.00 EA	102.15	18.25	44.52	267.07	(0.00)	267.07
OSHA 1926.152(g)(11) At least one portable fire extinguisher v		ess than 2B:C mu	st be located w	vithin 75 feet o	of each pump,	dispenser, under	ground fill
pipe opening and lubrication or refuelir							
pipe opening and lubrication or refuelir 24. Signaling - General Laborer - Per Hour*	20.00 EA	30.00	0.00	120.00	720.00	(0.00)	720.00

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100.00

0.00

800.00

4,800.00

(0.00)

4,800.00

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CONTINUED - OSHA

DESCRIPTION	OUANTITY UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV

1926.416(a)

Protection of employees -

1926.416(a)(1)

No employer shall permit an employee to work in such proximity to any part of an electric power circuit that the employee could contact the electric power circuit in the course of work, unless the employee is protected against electric shock by deenergizing the circuit and grounding it or by guarding it effectively by insulation or other means.

1926.416(a)(2)

In work areas where the exact location of underground electric powerlines is unknown, employees using jack-hammers, bars, or other hand tools which may contact a line shall be provided with insulated protective gloves.

1926.416(a)(3)

Before work is begun the employer shall ascertain by inquiry or direct observation, or by instruments, whether any part of an energized electric power circuit, exposed or concealed, is so located that the performance of the work may bring any person, tool, or machine into physical or electrical contact with the electric power circuit. The employer shall post and maintain proper warning signs where such a circuit exists. The employer shall advise employees of the location of such lines, the hazards involved, and the protective measures to be taken.

.1926.416(b)

Passageways and open spaces -

Barriers or other means of guarding shall be provided to ensure that workspace for electrical equipment will not be used as a passageway during periods when energized parts of electrical equipment are exposed.

26. Electrical (Bid Item) Tags* 20.00 EA 100.00 0.00 400.00 2,400.00 (0.00)2,400.00

Controls. Controls that are to be deactivated during the course of work on energized or deenergized equipment or circuits shall be tagged.

1926.417(b)

Equipment and circuits. Equipment or circuits that are deenergized shall be rendered inoperative and shall have tags attached at all points where such equipment or circuits can be energized.

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28. Barricade Work Area from falling objects*	4.00 EA	100.00	0.00	80.00	480.00	(0.00)	480.00
27. Debris chute hopper - per week - 30" 4' section	' x 16.00 WK	30.05	0.00	96.16	576.96	(0.00)	576.96
27 Debris chute hopper per week 30"	' v 16 00 W/V	30.05	0.00	06 16	576.06	(0.00)	4

Totals: OSHA 1,092.18 10,296.12 61,776.58 0.0061,776.58

Emergency Repairs

DESCRIPTION	QUANTITY U	NIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
145. Roofing (Bid Item) - Schrocks Roofing*	1.00 EA	15,200.00	0.00	3,040.00	18,240.00	(0.00)	18,240.00

Totals: Emergency Repairs 0.00 3,040.00 18,240.00

- See image, Emergency Repair Invoice, in the Images section of this report.

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0.00

18,240.00

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Debris Removal

DESCRIPTION	QUANTITY U	NIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
226. Dumpster load - Approx. 40 yards, 7-8 tons of debris	8.00 EA	613.46	0.00	981.54	5,889.22	(0.00)	5,889.22
227. General Laborer - per hour	160.00 HR	37.14	0.00	1,188.48	7,130.88	(0.00)	7,130.88
Additional labor for cutting metal to fit in d	lumpster. 2 guys f	for 40 hours for 2	weeks				
Totals: Debris Removal			0.00	2,170.02	13,020.10	0.00	13,020.10

Pollutant Clean Up

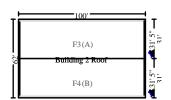
DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
232. Paint Purlins to inhibit Rust spreading two coats*	6,258.28 SF	2.15	164.75	2,724.02	16,344.07	(0.00)	16,344.07
Line item quantity adjusted to reflect actual	quantity. (Cor	rected Typo)					
233. Soda blasting	5,464.00 SF	2.01	367.59	2,270.04	13,620.27	(0.00)	13,620.27
Totals: Pollutant Clean Up			532.34	4.994.06	29.964.34	0.00	29,964,34

Business Personal Property

DESCRIPTION	QUANTITY U	NIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
234. Iron Crafter - 30/30 30 ton *	1.00 EA	60,200.00	0.00	0.00	60,200.00	(0.00)	60,200.00
Fabrication Table - 6,500.00 30 Ton Iron Crafter Iron Worker w/ tool Snap -On Tool Box - 3,500 Misc. Radial arm drill tooling bits and cl Misc. Tools - 25,000							
Total - 60,200							
Totals: Business Personal Property			0.00	0.00	60,200.00	0.00	60,200.00

2579_9th

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Building 2 Roof

6285.52 Surface Area325.71 Total Perimeter Length

62.86 Number of Squares 100.00 Total Ridge Length

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
29. Remove Metal roofing	6,285.52 SF	0.72	0.00	905.12	5,430.69	(0.00)	5,430.69
31. Metal roofing	6,285.52 SF	3.58	741.53	4,648.74	27,892.43	(0.00)	27,892.43
30. R&R Closure strips for metal roofing - inside and/or outside	400.00 LF	2.03	19.89	166.38	998.27	(0.00)	998.27
32. R&R Eave trim for metal roofing - 29 gauge	200.00 LF	3.80	25.16	157.04	942.20	(0.00)	942.20
33. R&R Gable trim for metal roofing - 29 gauge	65.33 LF	4.62	13.44	63.04	378.30	(0.00)	378.30
173. R&R Ridge end cap for metal roofing	1.00 EA	28.03	1.25	5.88	35.16	(0.00)	35.16
34. Roofing felt - 30 lb.	62.86 SQ	23.81	64.84	312.30	1,873.84	(0.00)	1,873.84
35. Battens - 2x4 - for steel roofing	62.86 SQ	192.79	803.25	2,584.42	15,506.45	(0.00)	15,506.45
36. R&R Vinyl-faced/laminated insulation 4"	- 6,285.52 SF	1.52	496.40	2,010.08	12,060.47	(0.00)	12,060.47
37. R&R Vinyl-faced/laminated insulation 2"	- 6,285.52 SF	1.02	196.11	1,321.46	7,928.80	(0.00)	7,928.80
38. R&R Ridge cap - metal roofing	100.00 LF	5.69	21.74	118.14	708.88	(0.00)	708.88
39. R&R Exhaust cap - through roof - 6" to 8"	1.00 EA	73.85	3.34	15.42	92.61	(0.00)	92.61
40. R&R Neoprene pipe jack flashing for metal roofing	2.00 EA	50.16	4.26	20.92	125.50	(0.00)	125.50
41. Remove Additional charge for high roof (2 stories or greater)	62.86 SQ	7.65	0.00	96.18	577.06	(0.00)	577.06
42. Additional charge for high roof (2 stories or greater)	62.86 SQ	10.30	0.00	129.50	776.96	(0.00)	776.96
92. Butyl tape / sealing metal roofing panels for low slopes	2,205.00 LF	0.59	25.80	265.36	1,592.11	(0.00)	1,592.11
Totals: Building 2 Roof			2,417.01	12,819.98	76,919.73	0.00	76,919.73

Front Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
96. Remove Wall/roof panel - corrugated - 26 gauge	1,616.00 SF	0.71	0.00	229.48	1,376.84	(0.00)	1,376.84
43. Wall/roof panel - corrugated - 26 gauge	1,616.00 SF	3.51	226.89	1,179.82	7,078.87	(0.00)	7,078.87
128. Remove Metal J trim - metal building	61.00 LF	1.02	0.00	12.44	74.66	(0.00)	74.66

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CONTINUED - Front Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
129. Metal J trim - metal building	61.00 LF	4.80	6.96	59.96	359.72	(0.00)	359.72
Line item unit price adjusted to reflect curr	ent market cond	itions.					
https://www.google.com/search?q=j+trim+sAU&oq=j+trim+metal+building+baked+cLADOggIIRAWEB4QHToKCCEQFhAeBDAuMTCYAQCgAQHIAQHAAQE&scli	enam&gs_lcp=C EB0QGDoFCCE	gtwcm9kdWN0cy QqwI6BwghEKA	1jYxADGAA BEApKBAhB	yBQghEKABl	MgUIIRĈgAT	IFCCEQoAE6C	AgAEKIEE
146. R&R Wrap wood garage door frame & trim with aluminum (PER LF)	88.00 LF	14.70	28.57	264.44	1,586.61	(0.00)	1,586.61
47. Remove Vinyl-faced/laminated insulation - 4"	1,616.00 SF	0.22	0.00	71.10	426.62	(0.00)	426.62
97. Vinyl-faced/laminated insulation - 4"	1,616.00 SF	1.08	127.62	374.58	2,247.48	(0.00)	2,247.48
136. Insulation - ISO board, 1 1/2"	16.16 SQ	233.75	117.22	778.92	4,673.54	(0.00)	4,673.54
- See image, IECC T	able, in the Imag	ges section of this	report.				
Required to meet current IECC requ	airements for me	tal buildings					
125. R&R Coiling overhead door, 12' x 16'*	2.00 EA	4,143.01	309.47	1,719.10	10,314.59	(0.00)	10,314.59
Line item unit price adjusted to reflect curr	ent market cond	itions. Including c	urrent shipping	g rate			
https://www.doorson-line.com/models/con	nmercial						
126. Door Installer/Finish Carpenter - per hour	20.00 HR	57.50	0.00	230.00	1,380.00	(0.00)	1,380.00
Additional labor required to install balance	and calibrate m	otors for new over	head doors.				
45. R&R Gutter / downspout - box - aluminum - 7" to 8"	160.00 LF	18.38	235.72	635.30	3,811.82	(0.00)	3,811.82
46. Electrician - per hour	10.00 HR	81.71	0.00	163.42	980.52	(0.00)	980.52
Allowance to detach and reset electrical to	replace siding.						
Totals: Front Elevation			1,052.45	5,718.56	34,311.27	0.00	34,311.27

Right Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
147. Remove Wall/roof panel - corrugated - 26 gauge	1,116.00 SF	0.71	0.00	158.48	950.84	(0.00)	950.84
148. Wall/roof panel - corrugated - 26 gauge	1,116.00 SF	3.51	156.69	814.78	4,888.63	(0.00)	4,888.63
149. Remove Metal J trim - metal building	12.00 LF	1.02	0.00	2.44	14.68	(0.00)	14.68
150. Metal J trim - metal building	12.00 LF	4.80	1.37	11.80	70.77	(0.00)	70.77

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CONTINUED - Right Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
Line item unit price adjusted to reflect curre	ent market cond	litions.					
https://www.google.com/search?q=j+trim+rsAU&oq=j+trim+metal+building+baked+erLADOggIIRAWEB4QHToKCCEQFhAeEDAuMTCYAQCgAQHIAQHAAQE&sclie	nam&gs_lcp=0 B0QGDoFCCF	Cgtwcm9kdWN0c EQqwI6BwghEK <i>A</i>	y1jYxADGA. ABEApKBAh	AyBQghEKAB	MgUIIRĊgAT	TIFCCEQoAE60	CAgAEKIEE
172. R&R Outside/Inside corner - 26 gauge	16.00 LF	7.54	4.71	25.08	150.43	(0.00)	150.43
152. Remove Vinyl-faced/laminated insulation - 4"	1,616.00 SF	0.22	0.00	71.10	426.62	(0.00)	426.62
153. Vinyl-faced/laminated insulation - 4"	1,616.00 SF	1.08	127.62	374.58	2,247.48	(0.00)	2,247.48
154. Insulation - ISO board, 1 1/2"	16.16 SQ	233.75	117.22	778.92	4,673.54	(0.00)	4,673.54
- See image, IECC Ta	ble, in the Ima	ges section of this	report.				
Required to meet current IECC requi	irements for me	etal buildings					
157. R&R Gutter / downspout - box - aluminum - 7" to 8"	160.00 LF	18.38	235.72	635.30	3,811.82	(0.00)	3,811.82
158. Electrician - per hour	6.00 HR	81.71	0.00	98.06	588.32	(0.00)	588.32
Allowance to detach and reset electrical to r	eplace wall par	nels.					
175. HVAC Technician - per hour	4.00 HR	85.07	0.00	68.06	408.34	(0.00)	408.34
Allowance to remove and install HVAC ext	naust to replace	wall panels.					

Rear Elevation

Totals: Right Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
159. Remove Wall/roof panel - corrugated 26 gauge	- 1,616.00 SF	0.71	0.00	229.48	1,376.84	(0.00)	1,376.84
160. Wall/roof panel - corrugated - 26 gauge	1,616.00 SF	3.51	226.89	1,179.82	7,078.87	(0.00)	7,078.87
161. Remove Metal J trim - metal building	61.00 LF	1.02	0.00	12.44	74.66	(0.00)	74.66
162. Metal J trim - metal building	61.00 LF	4.80	6.96	59.96	359.72	(0.00)	359.72
Line item unit price adjusted to reflect curre	nt market cond	litions.					

643.33

3,038.60

18,231.47

0.00

18,231.47

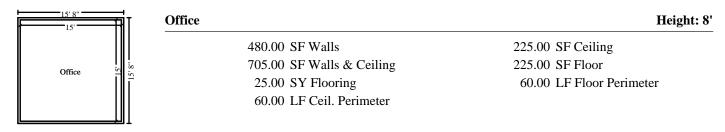
 $https://www.google.com/search?q=j+trim+metal+building+baked+enamel\&sa=X\&biw=1920\&bih=904\&tbm=shop\&ei=-fHFY7ytN9uDwbkPv4KY\\ sAU\&oq=j+trim+metal+building+baked+enam&gs_lcp=Cgtwcm9kdWN0cy1jYxADGAAyBQghEKABMgUIIRCgATIFCCEQoAE6CAgAEKIEE\\ LADOggIIRAWEB4QHToKCCEQFhAeEB0QGDoFCCEQqwI6BwghEKABEApKBAhBGAFQrA5YmjBgiT1oAXAAeACAAZABiAHGCZIBB\\ DAuMTCYAQCgAQHIAQHAAQE&sclient=products-cc#spd=250132952231869107\\$

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CONTINUED - Rear Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
163. R&R Wrap wood garage door frame & trim with aluminum (PER LF)	88.00 LF	14.70	28.57	264.44	1,586.61	(0.00)	1,586.61
164. Remove Vinyl-faced/laminated insulation - 4"	1,616.00 SF	0.22	0.00	71.10	426.62	(0.00)	426.62
165. Vinyl-faced/laminated insulation - 4"	1,616.00 SF	1.08	127.62	374.58	2,247.48	(0.00)	2,247.48
166. Insulation - ISO board, 1 1/2"	16.16 SQ	233.75	117.22	778.92	4,673.54	(0.00)	4,673.54
- See image, IECC Ta	able, in the Ima	ges section of this 1	report.				
Required to meet current IECC requ	irements for me	etal buildings					
167. R&R Coiling overhead door, 12' x 16'*	2.00 EA	4,143.01	309.47	1,719.10	10,314.59	(0.00)	10,314.59
Line item unit price adjusted to reflect curre	ent market cond	litions. Including co	urrent shipping	g rate			
https://www.doorson-line.com/models/com	mercial						
189. R&R Coiling overhead door, 10' x 10'*	1.00 EA	1,895.96	72.74	393.72	2,362.42	(0.00)	2,362.42
Line item unit price adjusted to reflect curre	ent market cond	litions. Including co	urrent shipping	g rate			
https://www.doorson-line.com/models/com	mercial						
168. Door Installer/Finish Carpenter - per hour	20.00 HR	57.50	0.00	230.00	1,380.00	(0.00)	1,380.00
Additional labor required to install balance	and calibrate m	otors for new over	head doors.				
169. R&R Gutter / downspout - box - aluminum - 7" to 8"	160.00 LF	18.38	235.72	635.30	3,811.82	(0.00)	3,811.82
170. Electrician - per hour	10.00 HR	81.71	0.00	163.42	980.52	(0.00)	980.52
Allowance to detach and reset electrical to	replace siding.						
176. General Laborer - per hour	20.00 HR	33.48	0.00	133.92	803.52	(0.00)	803.52
Additional labor required to move stack and	d store material	s and shelving alon	g rear elevatio	on of building			
Totals: Rear Elevation			1,125.19	6,246.20	37,477.21	0.00	37,477.21

Interior



DESCRIPTION QUANTITY UNIT PRICE TAX O&P RCV DEPREC. ACV 2579_N9THAVE 1/16/2023 Page: 10

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

CONTINUED - Office

DESCRIPTION	QUANTITY U	NIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
235. Drywall (Bid Item)	1.00 EA	14,500.00	0.00	2,900.00	17,400.00	(0.00)	17,400.00
Per Affordable Comstruction							
Totals: Office			0.00	2,900.00	17,400.00	0.00	17,400.00
Total: Interior			0.00	2,900.00	17,400.00	0.00	17,400.00

Interior

Interior

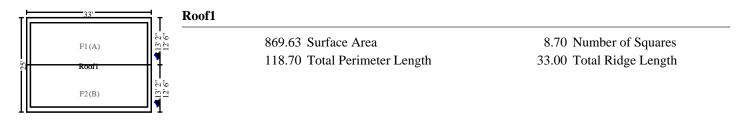
DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
Accessories							
138. Fluorescent light fixture - 6' & 8' - Detach & reset	20.00 EA	115.70	0.00	462.80	2,776.80	(0.00)	2,776.80
this is to detach and reset fluorescent lights	on ceiling in sh	op.					
139. Outlet or switch - Detach & reset	32.00 EA	21.40	0.00	136.96	821.76	(0.00)	821.76
140. Remove Exhaust fan - Commercial - large	1.00 EA	19.10	0.00	3.82	22.92	(0.00)	22.92
171. Clean exhaust fan - Heavy (per side)*	2.00 EA	19.24	0.00	7.70	46.18	(0.00)	46.18
141. Install Exhaust fan - Commercial - large	1.00 EA	324.39	0.00	64.88	389.27	(0.00)	389.27
142. Detach & Reset Furnace - forced air - 100,000 BTU	2.00 EA	763.34	0.00	305.34	1,832.02	(0.00)	1,832.02
144. Lighting - General Laborer - per hour	8.00 HR	48.89	0.00	78.22	469.34	(0.00)	469.34
to remove replace and reinstall lighting							
76. Content Manipulation charge - per hour	50.00 HR	33.48	0.00	334.80	2,008.80	(0.00)	2,008.80
78. Scissor lift - 26' platform height (per day)	20.00 DA	193.00	0.00	772.00	4,632.00	(0.00)	4,632.00
221. R&R Breaker panel - 300 amp w/arc fault breakers	1.00 EA	3,175.67	200.67	675.28	4,051.62	(0.00)	4,051.62
223. Electrician - per hour	100.00 HR	81.71	0.00	1,634.20	9,805.20	(0.00)	9,805.20
Allowance for licensed electrician to test ea	ch circuit.						
229. Special Systems - Electrician - per hour	30.00 HR	81.71	0.00	490.26	2,941.56	(0.00)	2,941.56
Allowance for low voltage electrician to ren	nove and instal	l low voltage syster	ns.				
Total: Interior			200.67	4,966.26	29,797.47	0.00	29,797.47

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Wall Panels

DESCRIPTION	QUANTITY U	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
Begin Repairs							
105. Content Manipulation charge - per hour	120.00 HR	48.89	0.00	1,173.36	7,040.16	(0.00)	7,040.16
4 men,8 hours for 2 days to move tools, she	elving, etc. out of	shop before cons	truction begin	ıs.			
106. Apply anti-microbial agent to the surface area	2,761.00 SF	0.29	10.77	162.30	973.76	(0.00)	973.76
Application of antimicrobial to the water d	amaged structural	members					
Metal Wall Panel System							
108. Remove Wall/roof panel - ribbed - up to 1"*	2,761.00 SF	1.01	0.00	557.72	3,346.33	(0.00)	3,346.33
this is half of the shop wall							
109. Wall/roof panel - ribbed - up to 1"*	2,761.00 SF	9.25	869.51	5,281.76	31,690.52	(0.00)	31,690.52
this is half of the shop wall							
228. R&R Aluminum wall coping - large	262.00 LF	22.81	435.80	1,282.40	7,694.42	(0.00)	7,694.42
110. Caulking - butyl rubber	712.00 LF	4.03	31.24	580.12	3,480.72	(0.00)	3,480.72
112. Floor protection - cloth - skid resistant, breathable	6,200.00 SF	1.08	350.61	1,409.32	8,455.93	(0.00)	8,455.93
Allowance to protect concrete floor for pai	nting phase of pro	ject.					
117. Clean concrete the surface area	6,200.00 SF	0.36	6.05	447.62	2,685.67	(0.00)	2,685.67
118. Concrete sealer - brush or spray applied	6,200.00 SF	1.10	465.47	1,457.10	8,742.57	(0.00)	8,742.57
121. R&R Wrap wood garage door frame & trim with aluminum (PER LF)	0.00 LF	13.61	0.00	0.00	0.00	(0.00)	0.00
122. Content Manipulation charge - per hour	64.00 HR	48.89	0.00	625.80	3,754.76	(0.00)	3,754.76
4 men,8 hours for 2 days to move tools, she	elving, etc. back in	nto shop when co	onstructions co	omplete.			
Totals: Wall Panels			2,169.45	12,977.50	77,864.84	0.00	77,864.84
Total: Interior			2,370.12	17,943.76	107,662.31	0.00	107,662.31
Total: 2579_9th			7,608.10	48,667.10	292,001.99	0.00	292,001.99

Detached Garage



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DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
54. Remove Metal roofing	869.63 SF	0.45	0.00	78.26	469.59	(0.00)	469.59
55. R&R Closure strips for metal roofing - inside and/or outside $$	66.00 LF	2.03	3.28	27.44	164.70	(0.00)	164.70
56. Metal roofing	869.63 SF	3.58	102.59	643.18	3,859.05	(0.00)	3,859.05
57. R&R Eave trim for metal roofing - 29 gauge	66.00 LF	3.80	8.30	51.82	310.92	(0.00)	310.92
58. R&R Gable trim for metal roofing - 29 gauge	52.67 LF	4.62	10.84	50.84	305.02	(0.00)	305.02
59. Roofing felt - 30 lb.	8.70 SQ	23.81	8.97	43.24	259.36	(0.00)	259.36
60. Battens - 2x4 - for steel roofing	8.70 SQ	192.79	111.17	357.70	2,146.14	(0.00)	2,146.14
61. R&R Vinyl-faced/laminated insulation 4"	869.63 SF	1.30	68.68	239.84	1,439.04	(0.00)	1,439.04
62. R&R Vinyl-faced/laminated insulation - 2"	869.63 SF	0.79	27.13	142.82	856.96	(0.00)	856.96
63. R&R Ridge cap - metal roofing	33.00 LF	5.69	7.18	39.00	233.95	(0.00)	233.95
64. R&R Exhaust cap - through roof - 6 " to 8 "	1.00 EA	68.83	3.34	14.42	86.59	(0.00)	86.59
65. R&R Neoprene pipe jack flashing for metal roofing	2.00 EA	45.73	4.26	19.14	114.86	(0.00)	114.86
66. Remove Additional charge for high roof (2 stories or greater)	8.70 SQ	4.70	0.00	8.18	49.07	(0.00)	49.07
67. Additional charge for high roof (2 stories or greater)	8.70 SQ	10.30	0.00	17.92	107.53	(0.00)	107.53
Totals: Roof1			355.74	1,733.80	10,402.78	0.00	10,402.78

Front Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
178. Remove Wall/roof panel - corrugated 26 gauge	- 528.00 SF	0.71	0.00	74.98	449.86	(0.00)	449.86
179. Wall/roof panel - corrugated - 26 gauge	528.00 SF	3.51	74.13	385.48	2,312.89	(0.00)	2,312.89
180. Remove Metal J trim - metal building	30.00 LF	1.02	0.00	6.12	36.72	(0.00)	36.72
181. Metal J trim - metal building	30.00 LF	4.80	3.42	29.48	176.90	(0.00)	176.90
Line item unit price adjusted to reflect curre	ent market cond	litions.					

 $https://www.google.com/search?q=j+trim+metal+building+baked+enamel\&sa=X\&biw=1920\&bih=904\&tbm=shop\&ei=-fHFY7ytN9uDwbkPv4KY\\ sAU\&oq=j+trim+metal+building+baked+enam&gs_lcp=Cgtwcm9kdWN0cy1jYxADGAAyBQghEKABMgUIIRCgATIFCCEQoAE6CAgAEKIEE\\ LADOggIIRAWEB4QHToKCCEQFhAeEB0QGDoFCCEQqwI6BwghEKABEApKBAhBGAFQrA5YmjBgiT1oAXAAeACAAZABiAHGCZIBB\\ DAuMTCYAQCgAQHIAQHAAQE&sclient=products-cc#spd=250132952231869107\\$

-products cembp	u 23013273223	100/10/				
30.00 LF	14.70	9.74	90.14	540.88	(0.00)	540.88
528.00 SF	0.22	0.00	23.24	139.40	(0.00)	139.40
528.00 SF	1.08	41.70	122.38	734.32	(0.00)	734.32
5.28 SQ	233.75	38.30	254.50	1,527.00	(0.00)	1,527.00
	30.00 LF 528.00 SF 528.00 SF	30.00 LF 14.70 528.00 SF 0.22 528.00 SF 1.08	528.00 SF 0.22 0.00 528.00 SF 1.08 41.70	30.00 LF 14.70 9.74 90.14 528.00 SF 0.22 0.00 23.24 528.00 SF 1.08 41.70 122.38	30.00 LF 14.70 9.74 90.14 540.88 528.00 SF 0.22 0.00 23.24 139.40 528.00 SF 1.08 41.70 122.38 734.32	30.00 LF 14.70 9.74 90.14 540.88 (0.00) 528.00 SF 0.22 0.00 23.24 139.40 (0.00) 528.00 SF 1.08 41.70 122.38 734.32 (0.00)

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CONTINUED - Front Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV	
- See image, IECC Table, in the Images section of this report.								
Required to meet current IECC r	equirements for met	al buildings						
190. R&R Coiling overhead door, 10' x 10'*	1.00 EA	1,895.96	72.74	393.72	2,362.42	(0.00)	2,362.42	
Line item unit price adjusted to reflect of	urrent market condi	tions. Including cu	rrent shipping	g rate				
https://www.doorson-line.com/models/o	commercial							
187. Door Installer/Finish Carpenter - phour	er 4.00 HR	57.50	0.00	46.00	276.00	(0.00)	276.00	
Additional labor required to install bala	nce and calibrate mo	otors for new overl	nead doors.					
188. Electrician - per hour	3.00 HR	81.71	0.00	49.02	294.15	(0.00)	294.15	
Allowance to detach and reset electrical	to replace siding.							
Totals: Front Elevation			240.03	1,475.06	8,850.54	0.00	8,850.54	

Right Elevation

201. Electrician - per hour

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
191. Remove Wall/roof panel - corrugated 26 gauge	- 450.00 SF	0.71	0.00	63.90	383.40	(0.00)	383.40
192. Wall/roof panel - corrugated - 26 gauge	450.00 SF	3.51	63.18	328.54	1,971.22	(0.00)	1,971.22
193. Remove Metal J trim - metal building	30.00 LF	1.02	0.00	6.12	36.72	(0.00)	36.72
194. Metal J trim - metal building	30.00 LF	4.80	3.42	29.48	176.90	(0.00)	176.90
Line item unit price adjusted to reflect curre	nt market cond	itions.					

 $https://www.google.com/search?q=j+trim+metal+building+baked+enamel\&sa=X\&biw=1920\&bih=904\&tbm=shop\&ei=-fHFY7ytN9uDwbkPv4KY\\ sAU\&oq=j+trim+metal+building+baked+enam&gs_lcp=Cgtwcm9kdWN0cy1jYxADGAAyBQghEKABMgUIIRCgATIFCCEQoAE6CAgAEKIEE\\ LADOggIIRAWEB4QHToKCCEQFhAeEB0QGDoFCCEQqwI6BwghEKABEApKBAhBGAFQrA5YmjBgiT1oAXAAeACAAZABiAHGCZIBB\\ DAuMTCYAQCgAQHIAQHAAQE&sclient=products-cc#spd=250132952231869107\\$

202. R&R Outside/Inside corner - 26	20.00 LF	7.54	5.89	31.34	188.03	(0.00)	188.03
gauge							
196. Remove Vinyl-faced/laminated	450.00 SF	0.22	0.00	19.80	118.80	(0.00)	118.80
insulation - 4"							
197. Vinyl-faced/laminated insulation - 4"	450.00 SF	1.08	35.54	104.30	625.84	(0.00)	625.84
198. Insulation - ISO board, 1 1/2"	4.50 SQ	233.75	32.64	216.90	1,301.42	(0.00)	1,301.42
 See image, IECC Tab 	le, in the Images s	section of this re	port.				
Required to meet current IECC require	ements for metal b	ouildings					

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0.00

49.02

294.15

(0.00)

294.15

81.71

3.00 HR

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2579_N9THAVE

CONTINUED - Right Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
Allowance to detach and reset electrical to re	place siding.						
Totals: Right Elevation			140.67	849.40	5,096.48	0.00	5,096.48
Rear E	evation						
DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
203. Remove Wall/roof panel - corrugated - 26 gauge	528.00 SF	0.71	0.00	74.98	449.86	(0.00)	449.86
204. Wall/roof panel - corrugated - 26 gauge	528.00 SF	3.51	74.13	385.48	2,312.89	(0.00)	2,312.89
205. Remove Metal J trim - metal building	30.00 LF	1.02	0.00	6.12	36.72	(0.00)	36.72
206. Metal J trim - metal building	30.00 LF	4.80	3.42	29.48	176.90	(0.00)	176.90
207. R&R Wrap wood garage door frame	30.00 LF	#spd=23013293223 14.70	9.74	90.14	540.88	(0.00)	540.88
sAU&oq=j+trim+metal+building+baked+en LADOggIIRAWEB4QHToKCCEQFhAeEB DAuMTCYAQCgAQHIAQHAAQE&sclien	0QGDoFCCE	EQqwI6BwghEKAE	BEApKBAhB				
207. R&R Wrap wood garage door frame & trim with aluminum (PER LF) 208. Remove Vinyl-faced/laminated	30.00 LF 528.00 SF	0.22	0.00	90.14	139.40	(0.00)	139.40
insulation - 4"	320.00 51	0.22	0.00	23.24	137.40	(0.00)	137.40
209. Vinyl-faced/laminated insulation - 4"	528.00 SF	1.08	41.70	122.38	734.32	(0.00)	734.32
210. Insulation - ISO board, 1 1/2"	5.28 SQ	233.75	38.30	254.50	1,527.00	(0.00)	1,527.00
 See image, IECC Tab 		-	eport.				
Required to meet current IECC required							
211. Electrician - per hour	3.00 HR	81.71	0.00	49.02	294.15	(0.00)	294.15
Allowance to detach and reset electrical to re	place siding.						
Totals: Rear Elevation			167.29	1,035.34	6,212.12	0.00	6,212.12
Left Ele	evation						
DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
212. Remove Wall/roof panel - corrugated - 26 gauge	450.00 SF	0.71	0.00	63.90	383.40	(0.00)	383.40

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CONTINUED - Left Elevation

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
213. Wall/roof panel - corrugated - 26 gauge	450.00 SF	3.51	63.18	328.54	1,971.22	(0.00)	1,971.22
214. Remove Metal J trim - metal building	30.00 LF	1.02	0.00	6.12	36.72	(0.00)	36.72
215. Metal J trim - metal building	30.00 LF	4.80	3.42	29.48	176.90	(0.00)	176.90
Line item unit price adjusted to reflect curre	ent market cond	itions.					
sAU&oq=j+trim+metal+building+baked+en LADOggIIRAWEB4QHToKCCEQFhAeE	nam&gs_lcp=C B0QGDoFCCE	gtwcm9kdWN0cy QqwI6BwghEKA	1jYxADGAA BEApKBAhB	yBQghEKAB	MgUIIRCgAT	IFCCEQoAE60	CAgAEKIEE
216. R&R Outside/Inside corner - 26 gauge	20.00 LF	7.54	5.89	31.34	188.03	(0.00)	188.03
217. Remove Vinyl-faced/laminated insulation - 4"	450.00 SF	0.22	0.00	19.80	118.80	(0.00)	118.80
218. Vinyl-faced/laminated insulation - 4"	450.00 SF	1.08	35.54	104.30	625.84	(0.00)	625.84
219. Insulation - ISO board, 1 1/2"	4.50 SQ	233.75	32.64	216.90	1,301.42	(0.00)	1,301.42
- See image, IECC Ta	able, in the Imag	ges section of this	report.				
Required to meet current IECC requi	irements for me	etal buildings					
220. Electrician - per hour	3.00 HR	81.71	0.00	49.02	294.15	(0.00)	294.15
Allowance to detach and reset electrical to r	replace siding.						
14. Remove Metal J trim - metal building 30.00 LF 1.02 0.00 6.12 36.72 (0.00) 36.75 15. Metal J trim - metal building 30.00 LF 4.80 3.42 29.48 176.90 (0.00) 176.90 176	5,096.48						
Total: Detached Garage			1,044.40	5,943.00	35,658.40	0.00	35,658.40
Labor Minimums Applied DESCRIPTION	QUANTITY	UNIT PRICE	TAX	O&P	RCV	DEPREC.	ACV
79. Temporary repair services labor	1.00 EA	19.76	0.00	3.96	23.72	(0.00)	23.72
minimum							
80. Plumbing labor minimum						` /	251.29
132. Misc. Equipment - Commercial labor min	1.00 EA	151.48	0.00	30.30	181.78	(0.00)	181.78
Totals: Labor Minimums Applied			0.00	76.14	456.79	0.00	456.79
Line Item Totals: 2579_N9THAVE			10,332.67	84,787.58	568,925.09	0.00	568,925.09

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Grand Total Areas:

480.00	SF Walls	225.00	SF Ceiling	705.00	SF Walls and Ceiling
225.00	SF Floor	25.00	SY Flooring	60.00	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	60.00	LF Ceil. Perimeter
225.00	Floor Area	245.44	Total Area	480.00	Interior Wall Area
1,924.20	Exterior Wall Area	62.67	Exterior Perimeter of Walls		
7,155.15	Surface Area	71.55	Number of Squares	444.42	Total Perimeter Length
133.00	Total Ridge Length	0.00	Total Hip Length		

Coverage	Item Total	%	ACV Total	%
Dwelling	501,684.93	88.18%	501,684.93	88.18%
Other Structures	7,040.16	1.24%	7,040.16	1.24%
Contents	60,200.00	10.58%	60,200.00	10.58%
Total	568,925.09	100.00%	568,925.09	100.00%

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Summary for Dwelling

Line Item Total Material Sales Tax Storage Rental Tax	407,738.04 10,315.54 17.13
Subtotal	418,070.71
Overhead	41,807.11
Profit	41,807.11
Replacement Cost Value	\$501,684.93
Net Claim	\$501,684.93

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Summary for Other Structures

Line Item Total	5,866.80
Overhead	586.68
Profit	586.68
Replacement Cost Value	\$7,040.16
Net Claim	\$7,040.16

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Summary for Contents

Line Item Total	60,200.00
Replacement Cost Value Net Claim	\$60,200.00 \$60,200.00

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Recap of Taxes, Overhead and Profit

Over	head (10%)	Profit (10%)	Material Sales Tax (9.75%)	P Ppty Material Tax (9.75%)	P Ppty Cleaning Tax (9.75%)	Storage Rental Tax (9.75%)	Food Tax (7.75%)
Line Items							
	42,393.79	42,393.79	10,315.54	0.00	0.00	17.13	0.00
Total							
	42,393.79	42,393.79	10,315.54	0.00	0.00	17.13	0.00

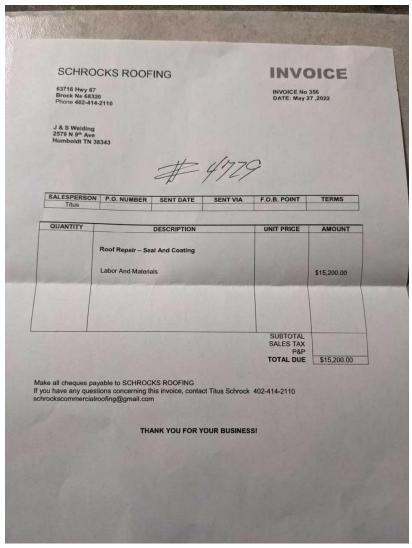
William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

Recap by Room

Coverage: Dwelling Subtotal: Interior Coverage: Dwelling Or Coverage: Dwelling Panels Coverage: Dwelling Coverage: Other Structures Subtotal: Interior Coverage: Dwelling Coverage: Other Structures Subtotal: 2579_9th	100.00% = 100.00% = 100.00% = 100.00% = 90.65% = 9.35% = 93.28% = 6.72% =	14,500.00 14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89 56,851.09 5,866.80 87,348.43 81,481.63 5,866.80 235,726.79	3.06% 3.06% 5.20% 13.24% 18.44%
Subtotal: Interior Coverage: Dwelling Or Coverage: Dwelling Panels Coverage: Dwelling Coverage: Other Structures Subtotal: Interior Coverage: Dwelling	100.00% = 100.00% = 90.65% = 9.35% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89 56,851.09 5,866.80 87,348.43 81,481.63	3.06% 5.20% 13.24%
Subtotal: Interior Coverage: Dwelling Or Coverage: Dwelling Panels Coverage: Dwelling Coverage: Dwelling Coverage: Other Structures Subtotal: Interior	100.00% = 100.00% = 90.65% = 9.35% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89 56,851.09 5,866.80 87,348.43	3.06% 5.20% 13.24%
Subtotal: Interior Coverage: Dwelling Or Coverage: Dwelling Panels Coverage: Dwelling Coverage: Dwelling Coverage: Dwelling Coverage: Other Structures	100.00% = 100.00% = 90.65% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89 56,851.09	3.06% 5.20% 13.24%
Subtotal: Interior Coverage: Dwelling or Coverage: Dwelling Panels Coverage: Dwelling	100.00% = 100.00% = 90.65% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89 56,851.09	3.06% 5.20%
Subtotal: Interior Coverage: Dwelling or Coverage: Dwelling Panels	100.00% = 100.00% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54 62,717.89	3.06% 5.20%
Coverage: Dwelling Subtotal: Interior Coverage: Dwelling or Coverage: Dwelling	100.00% =	14,500.00 14,500.00 14,500.00 24,630.54 24,630.54	3.06% 5.20%
Coverage: Dwelling Subtotal: Interior Coverage: Dwelling or	100.00% =	14,500.00 14,500.00 14,500.00 24,630.54	3.06%
Subtotal: Interior Coverage: Dwelling		14,500.00 14,500.00	3.06%
Coverage: Dwelling Subtotal: Interior		14,500.00 14,500.00	
	100.00% =		3.06%
e		14,500.00	3.06%
or			
Coverage: Dwelling	100.00% =	30,105.82	
Elevation		30,105.82	6.35%
Coverage: Dwelling	100.00% =	14,549.54	
t Elevation	100.0070 –	14,549.54	3.07%
	100 00% -		3.01 /0
-	100.00% =		5.81%
9	100.000/		13.02%
		51 50 2 - 1	40.00
Coverage: Contents	100.00% =	60,200.00	
ness Personal Property		60,200.00	12.71%
Coverage: Dwelling	100.00% =	24,437.94	
e e		24,437.94	5.16%
	100.00% =		
-	100.0070 =		2.29%
	100 00% -		3.21 /0
•	100.00% =		3.21%
	100.000/		10.63%
	100.00% =	*	10 (20)
			10.12%
	79_N9THAVE eral Conditions Coverage: Dwelling A Coverage: Dwelling rgency Repairs Coverage: Dwelling ris Removal Coverage: Dwelling rtant Clean Up Coverage: Dwelling ress Personal Property Coverage: Contents 9th ling 2 Roof Coverage: Dwelling t Elevation Coverage: Dwelling	cral Conditions Coverage: Dwelling A Coverage: Dwelling regency Repairs Coverage: Dwelling ris Removal Coverage: Dwelling rowerage: Contents 100.00% = 100.0	cral Conditions 47,950.10 Coverage: Dwelling 100.00% = 47,950.10 A 50,388.28 Coverage: Dwelling 100.00% = 50,388.28 regency Repairs 15,200.00 15,200.00 Coverage: Dwelling 100.00% = 15,200.00 ris Removal 100.00% = 10,850.08 Coverage: Dwelling 100.00% = 24,437.94 Coverage: Dwelling 100.00% = 24,437.94 riss Personal Property 60,200.00 Coverage: Contents 100.00% = 60,200.00 Pth 100.00% = 61,682.74 Coverage: Dwelling 100.00% = 61,682.74 Coverage: Dwelling 100.00% = 27,540.26

97.51% =	229,859.99	
2.49% =	5,866.80	
	8,313.24	1.75%
100.00% =	8,313.24	
	7,135.45	1.51%
100.00% =	7,135.45	
	· · · · · · · · · · · · · · · · · · ·	0.87%
100.00% =		
	· · · · · · · · · · · · · · · · · · ·	1.06%
100.00% =	· · · · · · · · · · · · · · · · · · ·	
	· · · · · · · · · · · · · · · · · · ·	0.87%
100.00% =	4,106.41	
	28,671.00	6.05%
100.00% =	28,671.00	
	380.65	0.08%
100.00% =	380.65	
_	473,804.84	100.00%
86.06% =	407,738.04	
1.24% =	5,866.80	
12.71% =	60,200.00	
	473,804.84	100.00%
	2.49% = 100.00% = 100.00% = 100.00% = 100.00% = 100.00% = 100.00% = 100.00% =	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



1 Emergency Repair Invoice

Taken By: William Griffin

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

		. 1		. 1		. 1	7 404 044		2 7 1 1 1 1	- manuar - T						
CLIMATE ZONE				2		_	4 EXCEP		5 AND M			6				3
CHECOTON .	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R
too dallar addada								Roofs								
Insulation entirely above roof deck	R-20ci	R-25ci	R-25ci	R-25oi	R-25ci	R-25ci	R-30ci	R-30ci	R-30ci	R-30ti	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Metal buildings ^b	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Attic and other	R-35	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
							W	alls, above grade								
Mass ⁰	R-5.7cF	R-5.7ci*	R-5.7dF	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11 4ci	R-11-4ci	R-13 3ci	R-13.3ci	R-15.2ci	R-15.2d	R-15.2d	R-25ci	R-25ci
Metal building	R-13+ R-6 Sci	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6 5ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13+ R-19.5d	R-13 + R-13ci	R-13+ R-19.5ci				
Metal framed	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13+ R-7.5d	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5ai	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7 5ci	R-13 + R-15 6d	R-13 + R-7.5a	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3.8ci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 &ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 &cr or R-20	R-13 + R-3.8ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 Sci or R-20 + R-3 Sci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R13 + R-15 6ci or R-20 + R-10ci
							W	alls, below grade								
Below-grade wall [©]	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
								Floors								
Mass*	NR NR	NR	R-6.3ci	R-8.3ci	R-10ci	R-10ci	R-10ci	R-10.4ci	R-10ci	R-12.5d	R-12.5ci	R-12.5di	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR.	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30
			15			- 91	Sla	b-on-grade floors				19				
Unhealed slabs	NR	NR	NR	NR	NR	NR	R/10 for 24" below	R-10 for 24" below	R-10 for 24' below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24" below	R-20 for 24" below
Heated slabs ^h	R-7 5 for 12" below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12" below + R-5 full slab	R-10 for 24" below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24" below + R-5 full slab	R-15 for 24" below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-15 for 36° below + R-5 full slab	R-20 for 48" below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full si
								Opaque doors			-		· ·		-	
Nonswinging	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75

2 IECC Table Taken By: William Griffin

Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

TER 4 [CE] COMMERCI	AL ENERGY EFFICIE	NOY												Land and the state of	tocoosie resc o	
CLIMATE ZONE		1		2	13	3	4 EXCEPT	MARINE	5 AND N	ARINE 4	3	6	20	7		В
CLIMATEZONE	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R
								Roofs								
Insulation entirely above roof deck	R-20ci	R-25ci	R-25ci	R-25ci	R-25ci	R-25ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Metal buildings ^b	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Attic and other	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
							W	alls, above grade								
Mass ⁰	R-5.7cF	R-5.7ci*	R-5.7df	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11 4ci	R-11 4ci	R-13.3ci	R-13.3ci	R-15.2ci	R-15.2ci	R-15.2d	R-25ci	R-25ci
Metal building	R-13+ R-6.5ci	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.5ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 ± R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13d	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5a
Metal framed	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13 + R-7.5d	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5ai	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-15 6d	R-13 + R-7.5a	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 Sci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3.5ci or R-20	R-13 + R-3.8ci or R-20	R-13 + R-3 &cr cr R-20	R-13 + R-3,8ci or R-20	R-15 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 Sci or R-20 + R-3 Sci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R-15 6ci or R-20 + R-10ci
							W	alls, below grade								
Below-grade wall [©]	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
				:03				Floors								
Mass*	NR.	NR	R-6.3ci	R-8.3ci	R-10ci	R-10ci	R-10ci	R-10.4ci	R-10ci	R-12.5di	R-12.5ci	R-12.5di	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30 ^f	R-30	R-30
			01 00				Sla	b-on-grade floors	l	37		79	- 7			9.
Unhealed slabs	NR	NR	NR	NR	NR.	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24" below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24* below	R-20 for 24" below
Heated slabs ^h	R-7 5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-10 for 24" below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24" below + R-5 full slab	R-15 for 24' below + R-5 full stab	R-15 for 36' below + R-5 full slab	R-15 for 36° below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-20 for 48° below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full si
	-				- V	.01	- 8	Opaque doors	· · · · · · · · · · · · · · · · · · ·		- 0			· · · · · · · · · · · · · · · · · · ·		
Nonswinging	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-475	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75

3 IECC Table Taken By: William Griffin

Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

CLIMATE ZONE Insulation entirely above roof deck Metal buildings ¹⁰ Affic and other Mass ²¹ Metal building Metal building Metal farmed	R-20ci R-19 + R-11 LS R-35 R-57ci R-13+ R-6 Sci	R-25cl R-19 + R-11 LS R-38 R-5.7cl	R-25ci R-19 + R11 LS R-38	R-2501 R-19 + R-11 LS R-38	R-250i R-19 + R-11 LS	Group R R-25ci R-19 +	All other	Group R Roafs R-30ci	All other	Group R	All other	Group R	All other	Group R	All other	Group R
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci									
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci	D.30ci								
Attic and other Mass ³ Metal building	R-11 LS R-35 R-5.7cF R-13+	R-11 LS R-38	R11 LS	R-11 LS				re-outer	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Mass ³ Metal building	R-5.7cF R-13+		R-38	R-38		R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Metal building	R-13+	R-5.7ci*			R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
Metal building	R-13+	R-5.7ci*					W	alls, above grade								
NO. 100 CO.			R-5.7df	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11.4ci	R-11 4ci	R-13 3ci	R-13.3ci	R-15.2ci	R-15.2d	R-15 2ci	R-25ci	R-25ci
Metal framed	5570.061	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.50	R-13 + R-13d	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13d	R-13+ R-13d	R-13 + R-13di	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5ci
	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13 + R-7.5cl	R-13+ R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5a	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-15 6d	R-13 + R-7.5ci	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 Sci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 5ci or R-20	R-13+ R-3.8ci or R-20	R-13 + R-3 5ci or R-20	R-13 + R-3.5ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 6ci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R13 + R-15 6ci o R-20 + R-10ci
							w	alls, below grade								
Below-grade wall ^c	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
iyi .								Floors								
Mass	NR NR	NR	R-6.3ci	R-8.3ci	R-10d	R-10ci	R-10ci	R-10.4di	R-10ci	R-12.5d	R-12.5ci	R-12.5ci	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30"	R-30 ^f	R-30	R-30
	-		100					b-on-grade floors		17		79				
Unhealed slabs	NR	NR	NR.	NR	NR.	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24* below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24* below	R-20 for 24" below
Heated stabs ^b	R-7 5 for 12" below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7 5 for 12' below + R-5 full slab	R-7.5 for 12" below + R-5 full slab	R-10 for 24* below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24* below + R-5 full stab	R-15 for 24" below + R-5 full stab	R-15 for 36' below + R-5 full slab	R-15 for 36' below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-20 for 48" below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full sl

4 IECC Table Taken By: William Griffin

Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

Insulation entirely above roof deck Metal buildings ^b Attic and other	R-20ci R-19 + R-11 LS	Group R	All other	Group R		3		4 EXCEPT MARINE		5 AND MARINE 4		6		7		
above roof deck Metal buildings ^b	R-19+				All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R
above roof deck Metal buildings ^b	R-19+							Roofs								
MANAGER STREET		R-25ci	R-25ci	R-25ci	R-25ci	R-25ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Attic and other	PO III ES	R-19 + R-11 LS	R-19+ R11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
•	R-35	R-38	R-38	R-38	R-38	R-38	R-38	R-35	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
							W	falls, above grade			-					
Mass ⁰	R-5.7cF	R-5.7c/	R-5.7c/	R-7.6ci	R-7.6d	R-9.5ci	R-9.5d	R-11 4ci	R-11 4ci	R-13-3ci	R-13.3ci	R-15.2ci	R-15.2d	R-15.2d	R-25ci	R-25ci
Metal building	R-13+ R-6 5ci	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.5ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13di	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5ci				
Metal framed	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13 + R-7.5d	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5ai	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-15 6a	R-13 + R-7.5d	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 čci or R-20	R-13 + R-3.8ci or R-20	R-13 + R-3 5ci or R-20	R-13 + R-3.8ci or R-20	R-15 + R-3 8ci or R-20	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 6ci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R-13 + R-15 6ci a R-20 + R-10ci
							W	falls, below grade								
Below-grade wall ^c	NR	NR	NR	NR:	NR	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
- 197								Floors								
Mass*	NR	NR	R-6.3ci	R-8.3ci	R-10d	R-10ci	R-10ci	R-10.46	R-10ci	R-12.5d	R-12.5ci	R-12.5ci	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30°	R-30 ^f	R-30	R-30
			17					ab-on-grade floors		17		79				
Unhealed slabs	NR	NR	NR	NR	NR	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24* below	R-10 for 24" below	R-10 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24" below	R-15 for 24" below	R-20 for 24" below
Heated slabs ^h	R-7.5 for 12" below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12" below + R-5 full slab	R-7.5 for 12" below + R-5 full stab	R-10 for 24" below + R-5 full stab	R-10 for 24' below + R-5 full stab	R-15 for 24" below + R-5 full stab	R-15 for 24" below + R-5 full slab	R-15 for 36' below + R-5 full slab	R-15 for 36' below + R-5 full stab	R-15 for 36" below + R-5 full slab	R-20 for 48' below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full st

5 IECC Table Taken By: William Griffin Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

TER 4 [CE] COMMERCI	AL ENERGY EFFICIE	NOY												Land and the state of	tocoosie resc o	
CLIMATE ZONE		1		2	13	3	4 EXCEPT	MARINE	5 AND N	ARINE 4	3	6	20	7		В
CLIMATEZONE	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R	All other	Group R
								Roofs								
Insulation entirely above roof deck	R-20ci	R-25ci	R-25ci	R-25ci	R-25ci	R-25ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Metal buildings ^b	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Attic and other	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
							W	alls, above grade								
Mass ⁰	R-5.7cF	R-5.7ci*	R-5.7df	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11 4ci	R-11 4ci	R-13.3ci	R-13.3ci	R-15.2ci	R-15.2ci	R-15.2d	R-25ci	R-25ci
Metal building	R-13+ R-6.5ci	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.5ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 ± R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13d	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5a
Metal framed	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13 + R-7.5d	R-13 + R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5ai	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-15 6d	R-13 + R-7.5a	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 Sci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3.5ci or R-20	R-13 + R-3.8ci or R-20	R-13 + R-3 &cr cr R-20	R-13 + R-3,8ci or R-20	R-15 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 Sci or R-20 + R-3 Sci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R-15 6ci or R-20 + R-10ci
							W	alls, below grade								
Below-grade wall [©]	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
				:03				Floors								
Mass*	NR NR	NR	R-6.3ci	R-8.3ci	R-10ci	R-10ci	R-10ci	R-10.4ci	R-10ci	R-12.5di	R-12.5ci	R-12.5d	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30 ^f	R-30	R-30
			01 00				Sla	b-on-grade floors	l	37		79	- 7			9.
Unhealed slabs	NR	NR	NR	NR	NR.	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24" below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24* below	R-20 for 24" below
Heated slabs ^h	R-7 5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-10 for 24" below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24" below + R-5 full slab	R-15 for 24' below + R-5 full stab	R-15 for 36' below + R-5 full slab	R-15 for 36° below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-20 for 48° below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full si
	-				- V	.01	- 8	Opaque doors	· · · · · · · · · · · · · · · · · · ·		- 0			· · · · · · · · · · · · · · · · · · ·		
Nonswinging	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75	R-475	R-4.75	R-4.75	R-4.75	R-4.75	R-4.75

6 IECC Table Taken By: William Griffin

Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

CLIMATE ZONE Insulation entirely above roof deck Metal buildings ¹⁰ Affic and other Mass ²¹ Metal building Metal building Metal farmed	R-20ci R-19 + R-11 LS R-35 R-57ci R-13+ R-6 Sci	R-25cl R-19 + R-11 LS R-38 R-5.7cl	R-25ci R-19 + R11 LS R-38	R-2501 R-19 + R-11 LS R-38	R-250i R-19 + R-11 LS	Group R R-25ci R-19 +	All other	Group R Roafs R-30ci	All other	Group R	All other	Group R	All other	Group R	All other	Group R
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci									
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci	D.30ci								
Attic and other Mass ³ Metal building	R-11 LS R-35 R-5.7cF R-13+	R-11 LS R-38	R11 LS	R-11 LS				re-outer	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Mass ³ Metal building	R-5.7cF R-13+		R-38	R-38		R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Metal building	R-13+	R-5.7ci*			R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
Metal building	R-13+	R-5.7ci*					W	alls, above grade								
NO. 100 CO.			R-5.7df	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11.4ci	R-11 4ci	R-13 3ci	R-13.3ci	R-15.2ci	R-15.2d	R-15 2ci	R-25ci	R-25ci
Metal framed	5570.061	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.50	R-13 + R-13d	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13d	R-13+ R-13d	R-13 + R-13di	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5ci
	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13+ R-7.5d	R-13+ R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5a	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-15 6d	R-13 + R-7.5ci	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 Sci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 5ci or R-20	R-13+ R-3.8ci or R-20	R-13 + R-3 5ci or R-20	R-13 + R-3.5ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 6ci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R13 + R-15 6ci o R-20 + R-10ci
							w	alls, below grade								
Below-grade wall ^c	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
iyi .								Floors								
Mass	NR NR	NR	R-6.3ci	R-8.3ci	R-10d	R-10ci	R-10ci	R-10.4di	R-10ci	R-12.5d	R-12.5ci	R-12.5ci	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30"	R-30 ^f	R-30	R-30
	-		100					b-on-grade floors		17		79				
Unhealed slabs	NR	NR	NR.	NR	NR.	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24* below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24* below	R-20 for 24" below
Heated stabs ^b	R-7 5 for 12" below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7 5 for 12' below + R-5 full slab	R-7.5 for 12" below + R-5 full slab	R-10 for 24* below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24* below + R-5 full stab	R-15 for 24" below + R-5 full stab	R-15 for 36' below + R-5 full slab	R-15 for 36' below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-20 for 48" below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full sl

7 IECC Table Taken By: William Griffin

Required to meet current IECC requirements for metal buildings

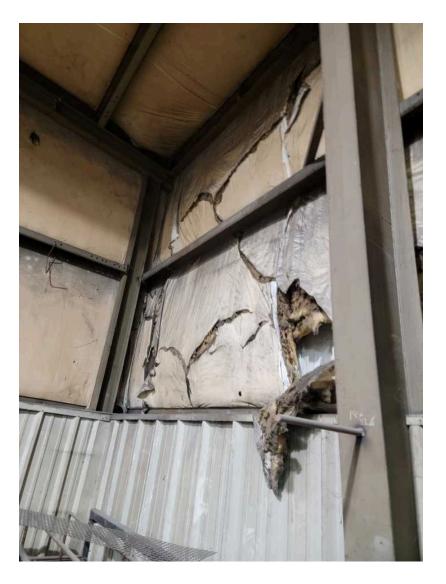
William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

CLIMATE ZONE Insulation entirely above roof deck Metal buildings ¹⁰ Affic and other Mass ²¹ Metal building Metal building Metal farmed	R-20ci R-19 + R-11 LS R-35 R-57ci R-13+ R-6 Sci	R-25cl R-19 + R-11 LS R-38 R-5.7cl	R-25ci R-19 + R11 LS R-38	R-2501 R-19 + R-11 LS R-38	R-250i R-19 + R-11 LS	Group R R-25ci R-19 +	All other	Group R Roafs R-30ci	All other	Group R	All other	Group R	All other	Group R	All other	Group R
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci									
above roof deck Metal buildings ⁵ Attic and other Mass ⁵ Metal building	R-19 + R-11 LS R-35 R-5.7cl ² R-13+	R-19+ R-11 LS R-38	R-19 + R11 LS	R-19 + R-11 LS	R-19+	R-19+	R-30ci	D.30ci								
Attic and other Mass ³ Metal building	R-11 LS R-35 R-5.7cF R-13+	R-11 LS R-38	R11 LS	R-11 LS				re-outer	R-30ci	R-30ci	R-30ci	R-30ci	R-35ci	R-35ci	R-35ci	R-35ci
Mass ³ Metal building	R-5.7cF R-13+		R-38	R-38		R-11 LS	R-19 + R-11 LS	R-19 + R-11 LS	R-19+ R-11 LS	R-19 + R-11 LS	R-25 + R-11 LS	R-25 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS	R-30 + R-11 LS
Metal building	R-13+	R-5.7ci*			R-38	R-38	R-38	R-38	R-38	R-49	R-49	R-49	R-49	R-49	R-49	R-49
Metal building	R-13+	R-5.7ci*					W	alls, above grade								
NO. 100 CO.			R-5.7df	R-7.6ci	R-7.6d	R-9.5ci	R-9.5ci	R-11.4ci	R-11 4ci	R-13 3ci	R-13.3ci	R-15.2ci	R-15.2d	R-15 2ci	R-25ci	R-25ci
Metal framed	5570.061	R-13 + R-6.5ci	R13 + R-6 5ci	R-13 + R-13ci	R-13 + R-6.50	R-13 + R-13d	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13ci	R-13 + R-13d	R-13+ R-13d	R-13 + R-13di	R-13+ R-19.50	R-13 + R-13ci	R-13+ R-19.5ci
	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-5ci	R-13 + R-7.5ci	R-13 + R-7.5cl	R-13+ R-7.5ci	R-13 + R-7 5ci	R-13 + R-7.5a	R-13 + R-7 5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-7.5ci	R-13 + R-15 6d	R-13 + R-7.5ci	R-13+ R17.5ci
Wood framed and other	R-13 + R-3.8ci or R-20	R-13 + R-3 Sci or R-20	R-13 + R-3 8ci ar R-20	R-13 + R-3 8ci or R-20	R-13 + R-3 5ci or R-20	R-13+ R-3.8ci or R-20	R-13 + R-3 5ci or R-20	R-13 + R-3.5ci or R-20	R-13 + R-3 8ci or R-20	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R-13 + R-7 5ci or R-20 + R-3 6ci	R-13 + R-7.5ci or R-20 + R-3.8ci	R-13 + R-7 5ci or R-20 + R-3 8ci	R13 + R-15.6ci or R-20 + R-10ci	R13 + R-15 6ci o R-20 + R-10ci
							w	alls, below grade								
Below-grade wall ^c	NR	NR	NR	NR:	NR:	NR	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-7.5ci	R-10ci	R-10ci	R-10ci	R-12.5ci
iyi .								Floors								
Mass	NR NR	NR	R-6.3ci	R-8.3ci	R-10d	R-10ci	R-10ci	R-10.4di	R-10ci	R-12.5d	R-12.5ci	R-12.5ci	R-15ci	R-16.7ci	R-15ci	R-16.7ci
Joist/framing	NR	NR	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30	R-30"	R-30 ^f	R-30	R-30
	-		100					b-on-grade floors		17		79				
Unhealed slabs	NR	NR	NR.	NR	NR.	NR	R-10 for 24" below	R-10 for 24" below	R-10 for 24* below	R-10 for 24" below	R-10 for 24' below	R-15 for 24' below	R-15 for 24" below	R-15 for 24" below	R-15 for 24* below	R-20 for 24" below
Heated stabs ^b	R-7 5 for 12" below + R-5 full slab	R-7.5 for 12' below + R-5 full slab	R-7 5 for 12' below + R-5 full slab	R-7.5 for 12" below + R-5 full slab	R-10 for 24* below + R-5 full slab	R-10 for 24' below + R-5 full stab	R-15 for 24* below + R-5 full stab	R-15 for 24" below + R-5 full stab	R-15 for 36' below + R-5 full slab	R-15 for 36' below + R-5 full slab	R-15 for 36" below + R-5 full slab	R-20 for 48" below + R-5 full slab	R-20 for 48" below + R-5 full stab	R-20 for 48" below + R-5 full stab	R-20 for 48* below + R-5 full slab	R-20 for 46" below + R-5 full sl

8 IECC Table Taken By: William Griffin

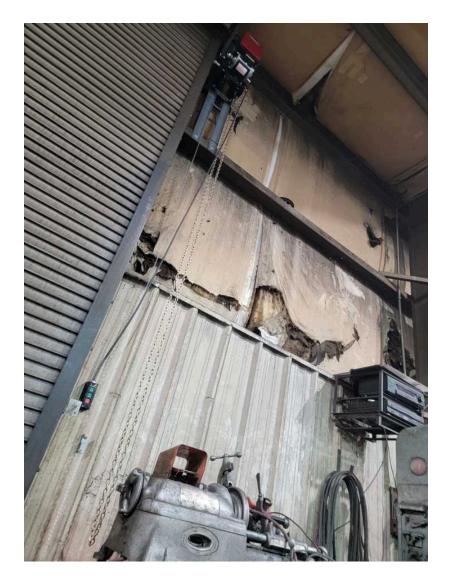
Required to meet current IECC requirements for metal buildings

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



1-Pic 1 (9)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



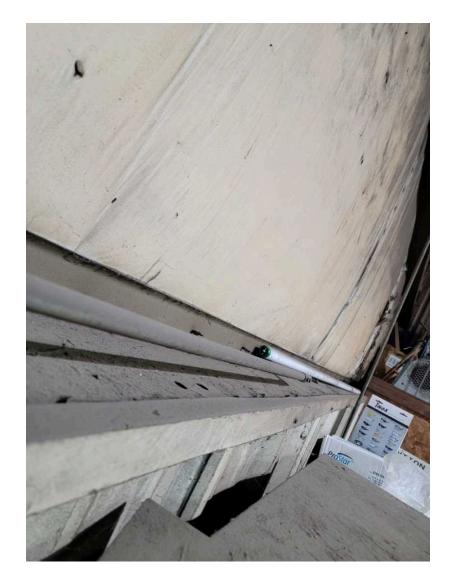
10 2-Pic 1 (10)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



11 3-Pic 1 (11)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



12 4-Pic 1 (12)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



13 5-Pic 1 (13)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



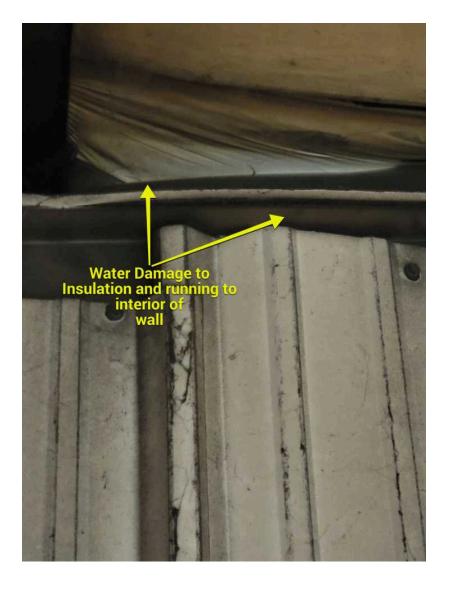
14 6-Pic 1 (14)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



15 7-Pic 1 (15)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



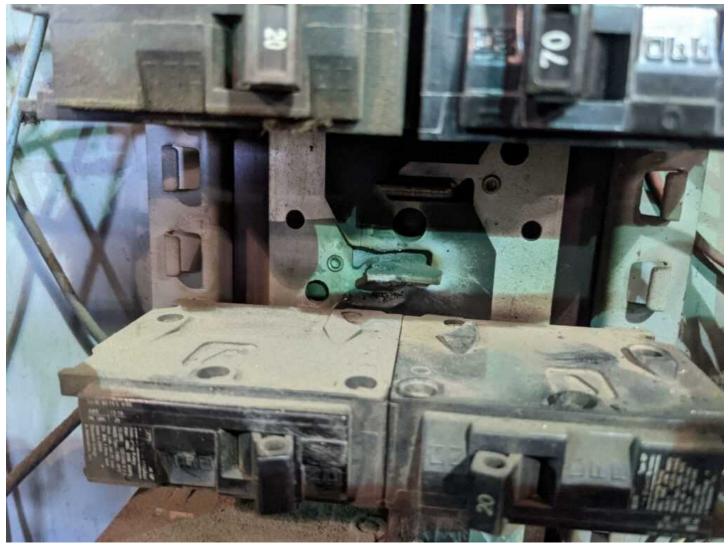
16 8-Pic 1 (16)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



17 9-Pic 1 (1)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



18 10-Pic 1 (2)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



19 11-Pic 1 (3)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



20 12-Pic 1 (4)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



21 13-Pic 1 (5)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402



22 14-Pic 1 (6)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

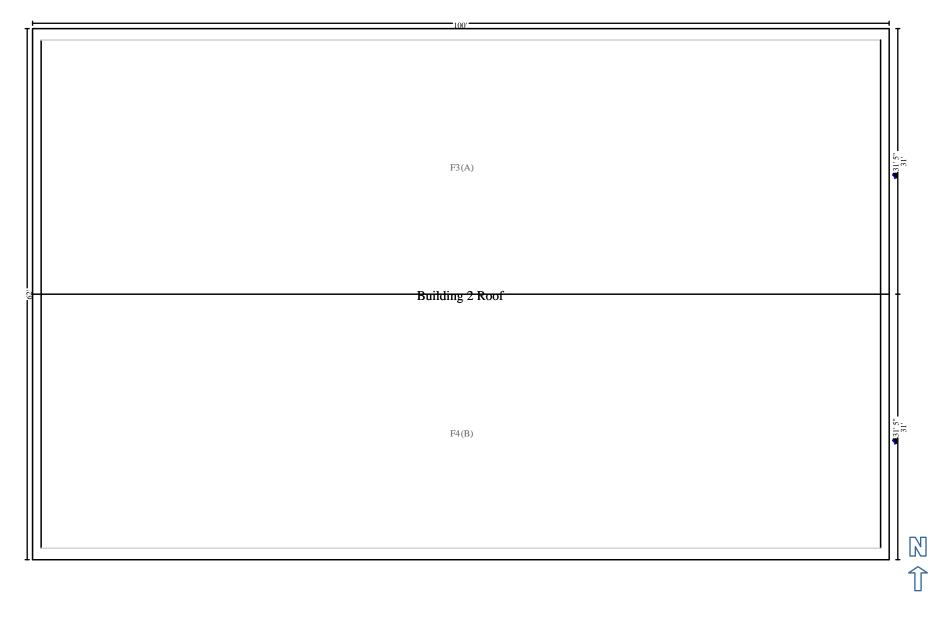


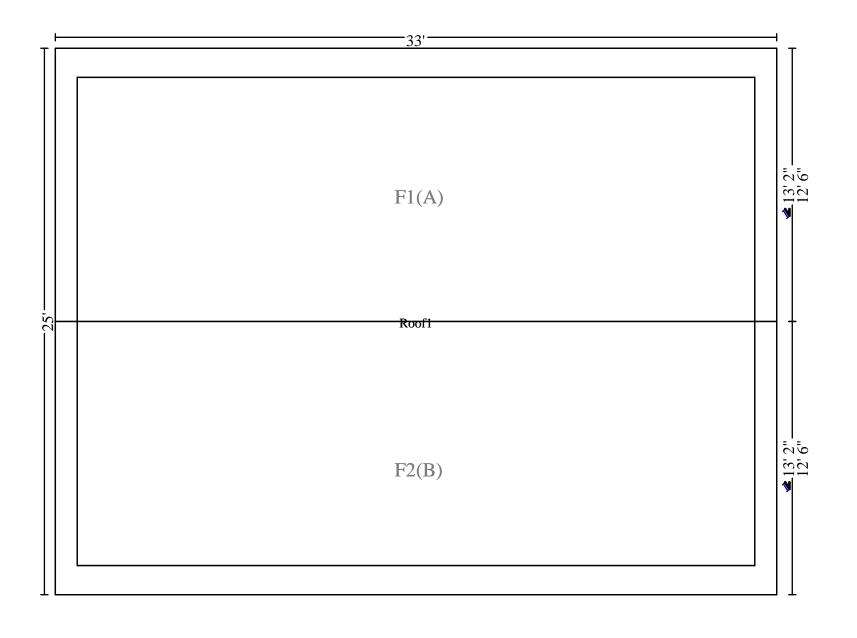
23 15-Pic 1 (7)

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

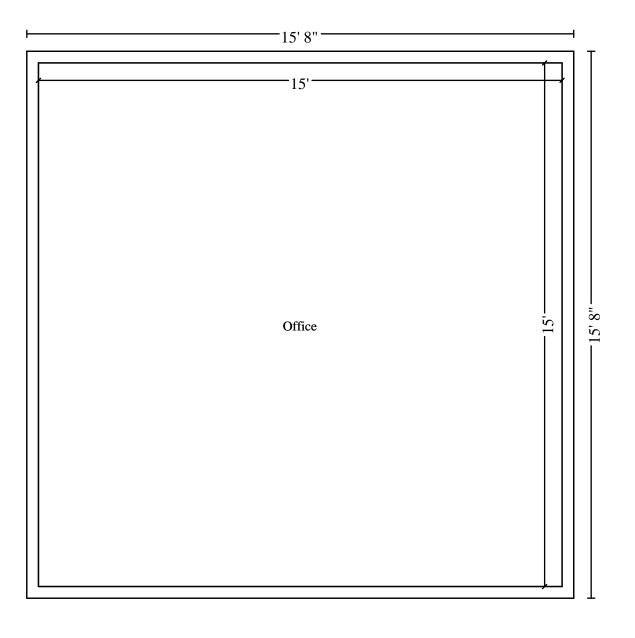


24 16-Pic 1 (8)











Interior

William Griffin 128 Poplar St. Gadsden, TN 38337 731-420-1402

Sketch Roof Annotations

2579_9th

Face	Square Feet	Number of Squares	Slope - Rise / 12
F3	3,142.76	31.43	2.00
F4	3,142.76	31.43	2.00
Estimated Total:	6,285.52	62.86	

Detached Garage

Face	Square Feet	Number of Squares	Slope - Rise / 12
F1	434.81	4.35	4.00
F2	434.81	4.35	4.00
Estimated Total:	869.63	8.70	